



TOWN OF ANDOVER

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ANDOVER BOARD OF HEALTH SEWER REGULATIONS FACT SHEET ENGINEERING STANDARDS (2/10/09)

- Section 2.24 of the Regulations provides sewage flow estimates that must be used in design calculations.
- Please refer to Section 3 of the Regulations for design plan specifications.
- **Backwater Valves** are now required on every Building Sewer line that is installed or repaired.
- For all sanitary sewerage lines (not building sewer), the engineer or applicant must provide written proof that **low-pressure air testing** has been completed and that the lines meet standards (see Section 5).
- Sanitary sewer manholes must be tested for water tightness as described in Section 5.03.
- The existing policy of a gravity flow sewer system is still in effect; anyone wishing to use pumps in a sanitary sewer system must do so by pumping into a privately owned manhole on private property and then gravity feeding into the town system.
- When private sewer lift stations are proposed as part of a private development, or when more than one property or facility is using a private lift station, a Special Permit is required from the Board of Health (see Section 6).
- When a large development is proposed, or when there is a large increase in sewage flow proposed by a change in use, the Town may require the proponent to conduct an engineering analysis of the receiving sewer line as well as any portion of the down-stream lines to ensure that there is capacity in those lines. That analysis would be done at the proponent's expense.
- **Metallic Trace Tape** will now be required to be placed in the trenches with all piping.
- Shared Building sewers are not allowed; **common sewer mains which are to be privately owned and shared by more than one building sewer** must be designed by an engineer and a Homeowners Association formed before construction is allowed.
- When one part of a property or facility is connected to sewer, the entire facility or all facilities on the property must be connected to sewer. Gray water or septic systems will not be allowed to remain in use.
- MassDEP Permits are also required under 314 CMR 7.00 for the following:
 - Sewer Extension Equal to or Greater than 1000 ft. (BRP WP 71)
 - Sewer Connection for Discharge Greater than 50,000 gpd (BRP WP 55, 71, 74)
 - Sewer Connection for Industrial Wastewater Greater than 50,000 gpd (BRP WP 55)
 - Sewer Extension/Connection less than 1000 ft or connection discharge greater than 15,000 gpd and less than 50,000 gpd (BRP WP 72 and BRP WP 73) require a one-time Compliance Certification

DISCLAIMER: This Fact Sheet is for general informational purposes and guidance only. If any statements conflict with the actual regulations, the regulations shall prevail. It is the applicant or user's responsibility to consult the regulations for full text and applicability.